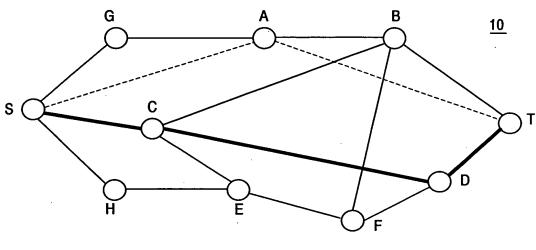
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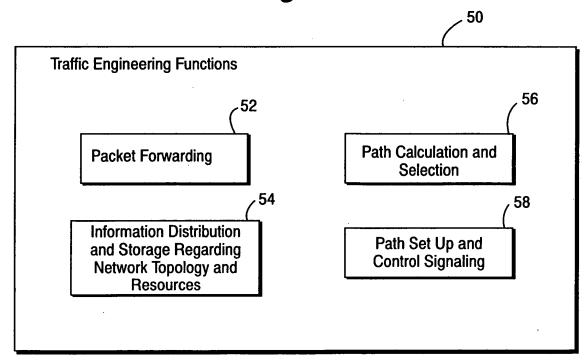
Fig. 1



----- IGP Shortest Path From S to T

Traffic Engineering Path From S to T

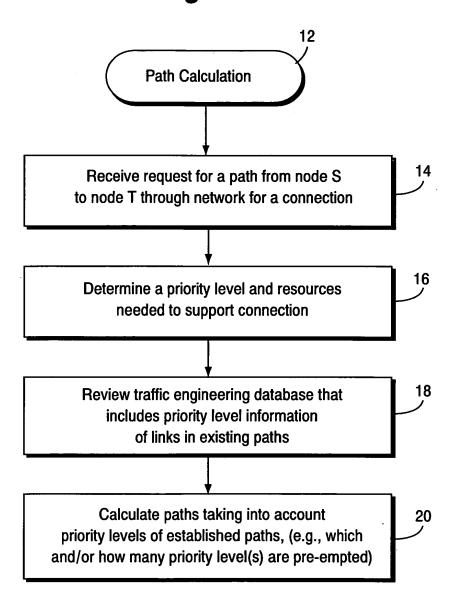
Fig. 4

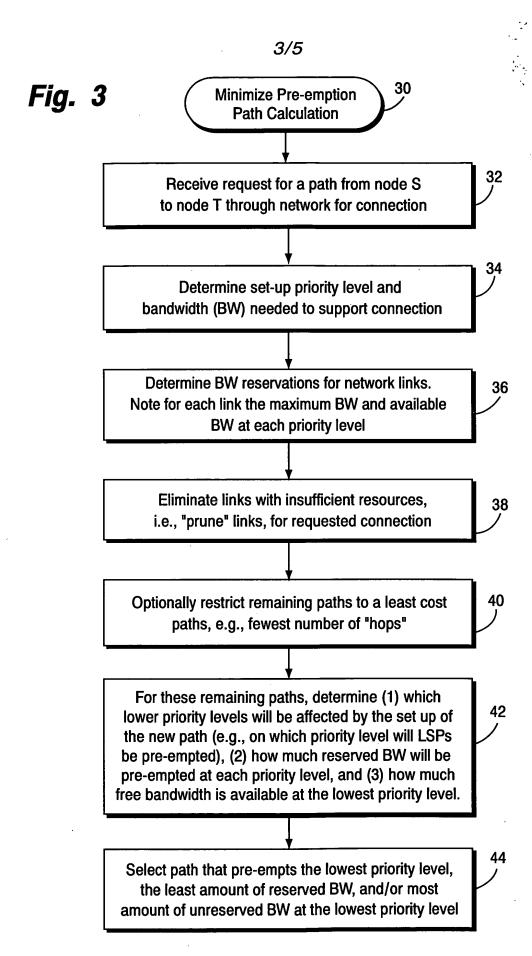


No.

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Fig. 2



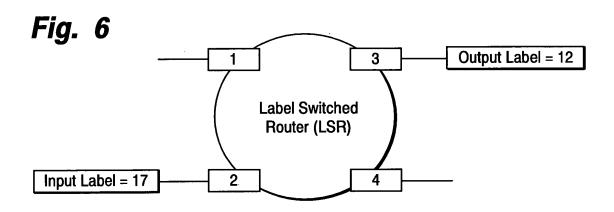


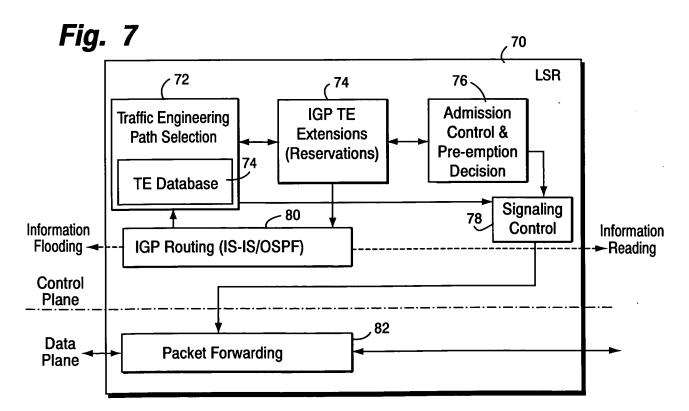
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Fig. 5

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MPLS Forwarding Table

Input	Input Label	Output	Output Label
•	•	:	:
<u> </u>	:		•
2	17	3	12
			:
•			

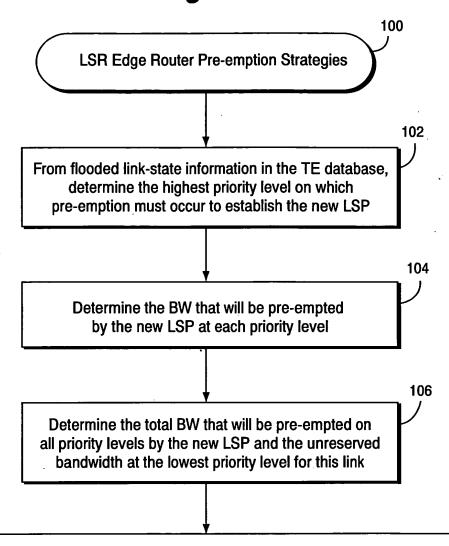




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Fig. 8



**Example Pre-emption Minimization Strategies** 

- minimize affected priority levels along the path,
- at the affected priority level, minimize affected bandwidth,
- maximize unreserved bandwidth at the lowest priority level,
- · employ any combination of the above,
- complement any of the above with one or more other strategies before or after pre-emption reduction, (e.g., first restrict path selection to least cost paths based on the original OSPF link cost as a link metric, then maximize free bandwidth, then minimize affected highest priority level, then minimize affected bandwidth at the affected levels, etc.)

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